

U.S. Patent Application Serial No. 10/645,849
Response to Notice dated September 17, 2007
and Amendment

REMARKS

This is a Response to the Notice dated September 17, 2007, and an Amendment in support of the Response.

The September 17, 2007 Notice requires that claims 1 - 29 reviewed by the Examiner in issuing the Office Action dated February 8, 2007 be reinstated, and that claims 30 - 58 filed on July 9, 2007 be canceled.

In response to the Examiner's comments in the first full paragraph on page 2 of the September 17, 2007 Notice, it is submitted that, for ease of amending the originally filed claims 1 - 29, added claims 30 - 58 were filed in place of claims 1 - 29, respectively, claims 30 - 58 containing the desired amendments to claims 1 - 29, respectively.

However, in view of the Examiner's Notice of September 17, 2007, the applicants hereby reinstate claims 1 - 29 containing the desired amendments therein, and have canceled claims 30 - 58 without prejudice or disclaimer.

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With respect to the Examiner's outstanding objections to the language of claims 1 and 11 as set forth in item 4, page 2 of the February 8, 2007 Action, the applicants have amended claims 1 and 11 to avoid the Examiner's outstanding claim language objections. Accordingly, the withdrawal of the outstanding objections to certain claim language is in order, and is therefore respectfully solicited.

Claims 1, 3, 5, 7, 9, 11, 16, 19, 22 and 24 - 20 are rejected under U.S.C. §112, second paragraph, for the reasons set forth in item 6, pages 2 and 3 of the outstanding Action. The applicants respectfully request reconsideration of this rejection.

It is respectfully submitted that the amended claims, filed herewith, avoid the Examiner's outstanding indefiniteness rejection; and thus, the withdrawal of the outstanding rejection under 35 U.S.C. §112, second paragraph, is in order, and is therefore respectfully solicited.

Claim 25 is rejected under 35 U.S.C. §101 for the reasons set forth in item 7, pages 4 and 5 of the outstanding Action. The applicants respectfully request reconsideration of this rejection.

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Claims 25 has been amended herein. It is submitted that claim 25, as amended, is patentable subject matter.

Further, in July 1998, the Court of Appeals for the Federal Circuit, in the case of *State Street Bank and Trust Co. v. Signature Financial Group, Inc.*, 47 USPQ2d 1596 (Fed. Cir. 1998), suggested that almost any unobvious software-related invention is patentable if the claims are properly drawn. The patent involved in the *State Street Bank* case, U.S. Patent No. 5,193,056, is generally directed to a data processing system for implementing an investment structure dealing with the administration and accounting of mutual stock funds.

The court held that the transformation of data in a software-related patent (*e.g.*, in the *State Street Bank* case, which represented “discrete dollar amounts, by a machine through a series of mathematical calculations into a final share price”) constitutes:

- (a) a “practical application of a mathematical algorithm, formula, or calculation,” but
- (b) nevertheless, produces “a useful, concrete and tangible result.”

In the instant case, it is clear that the above requirement item (a) is met. As to the above requirement item (2), the claimed program, as now set forth in amended claim 25, makes a computer execute the claimed information processing method, which is clearly a useful, concrete and tangible result. The subject matter claimed in amended claim 25 is thus patentable subject matter, pursuant to the *State Street Bank* case.

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Accordingly, the withdrawal of the outstanding rejection under 35 U.S.C. §101 is in order, and is therefore respectfully solicited.

As to the merits of this case, the following rejections are set forth in the outstanding Action:

(1) claims 1, 3, 5, 7, 16, 19, 22 and 24 - 27 are rejected under 35 U.S.C. §102(b) based on Inoue (U.S. Patent Application Publication 2001/0017821); and

(2) claims 9, 11 and 28 are rejected under 35 U.S.C. §103(a) based on Inoue in view of Liu (U.S. Patent No. 6,618,329).

The applicants respectfully request reconsideration of these rejections.

The applicants submit that in Inoue, although scratch operation is conducted by rotating the job dial 83 in accordance with the rotary speed thereof, it is not shown that the job dial can also be used for operation for starting/stopping reproduction-processing and moving the reproducing position to a predetermined position (due point). More particularly, in Inoue, only the “rotary speed” of the jog dial 83 is detected where pressing and touching operations that substitute the operative function of the other buttons cannot be found.

In view of the above, not all of the claimed elements or features of the applicants’ claimed invention, as now recited in the amended claims filed herewith, are found in exactly the same

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situation and united in the same way to perform the identical function in Inoue's system. Thus, there can be no anticipation under 35 U.S.C. §102(b) based on Inoue.

In view of the above, the withdrawal of the anticipation rejection under 35 U.S.C. §102(b) based on Inoue (U.S. Patent Application Publication 2001/0017821) is in order, and is therefore respectfully solicited.

As to the obviousness rejection, the secondary reference of Liu also discloses a rotary control element 6, which is touched by a user to set a special control mode that allows scratching operation or the like in accordance with the rotary speed and direction of the control element 6 detected by a sensor. However, Liu also does not disclose substitution of the operative function of the other buttons as in the applicants' instant claimed invention, as now set forth in the amended claims filed herein.

Thus, even if *arguendo* the teachings of Inoue and Liu can be combined in the manner suggested by the Examiner, such combined teachings would still fall far short in fully the applicants' claimed invention. Thus, a person of ordinary skill in the art would not have found the applicants' claimed invention obvious under 35 U.S.C. §103(a) based on Inoue and Liu, singly or in combination.

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In view of the above, the withdrawal of the outstanding obviousness rejection under 35 U.S.C. §103(a) based on Inoue (U.S. Patent Application Publication 2001/0017821) in view of Liu (U.S. Patent No. 6,618,329) is in order, and is therefore respectfully solicited.

In view of the aforementioned amendments and accompanying remarks, claims, as amended, are in condition for allowance, which action, at an early date, is requested.

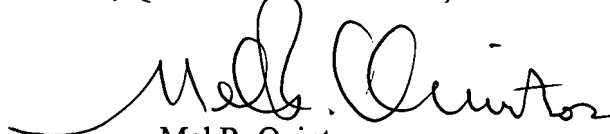
If, for any reason, it is felt that this application is not now in condition for allowance, the Examiner is requested to contact the applicants' undersigned attorney at the telephone number indicated below to arrange for an interview to expedite the disposition of this case.

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In the event that this paper is not timely filed, the applicants respectfully petition for an appropriate extension of time. Please charge any fees for such an extension of time and any other fees which may be due with respect to this paper to Deposit Account No. 01-2340.

Respectfully submitted,

KRATZ, QUINTOS & HANSON, LLP



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MRQ/lrj/ipc

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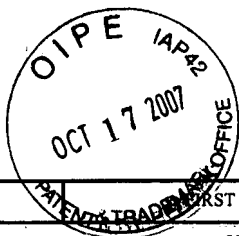
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/645,849

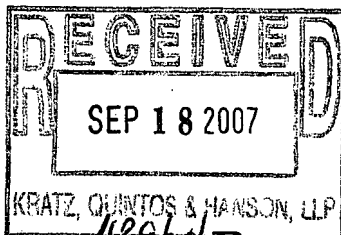
08/22/2003

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At 9/18/07

EXAMINER

DANIELSEN, NATHAN ANDREW

ART UNIT	PAPER NUMBER
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2627

MAIL DATE	DELIVERY MODE
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09/17/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

*1-m Response
Due: OCTOBER 17, 2007*

DOCKETED

DATE

*See WP
9/19/07*



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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
10645849	8/22/2003	YAMADA ET AL.	031050

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EXAMINER

Nathan Danielsen

ART UNIT	PAPER
2627	20070910

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

See attached Office Action.

DETAILED ACTION

Response to Amendment

The amendment filed on 09 July 2007 canceling all claims drawn to the elected invention and presenting only claims drawn to a non-elected invention is non-responsive (MPEP § 821.03). The remaining claims are not readable on the elected invention because the newly added claims contain subject matter not previously examined due to applicant's response to the restriction mailed 19 October 2006.

Since the above-mentioned amendment appears to be a bona fide attempt to reply, applicant is given a TIME PERIOD of ONE (1) MONTH or THIRTY (30) DAYS, whichever is longer, from the mailing date of this notice within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD UNDER 37 CFR 1.136(a) ARE AVAILABLE.

Closing Remarks/Comments

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nathan Danielsen whose telephone number is (571) 272-4248. The examiner can normally be reached on Monday-Friday, 9:00 AM - 5:00 PM Eastern Time.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Korzuch can be reached on (571) 272-7589. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2627

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Nathan Danielsen
09/10/2007

/William Korzuch/

SPE, Art Unit 2627